



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 3

Test Date: March 2009
Code: 10261194
SAU: Brunswick School Department
School: Longfellow School-Brunswick

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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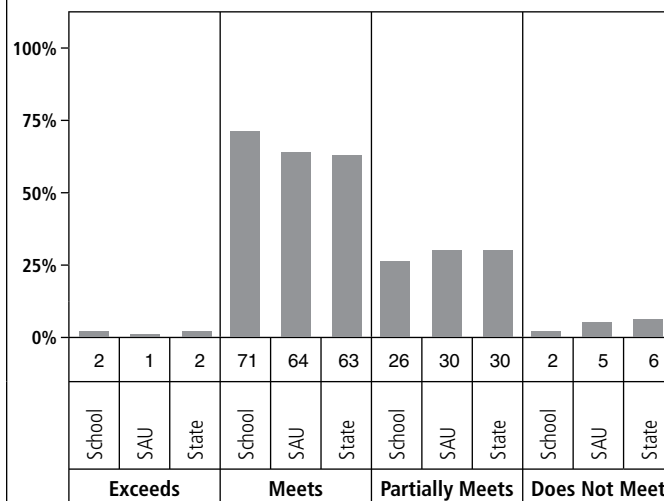
SUMMARY OF SCORES

Test Date: March 2009
Grade: 3
SAU: Brunswick School Department
School: Longfellow School-Brunswick

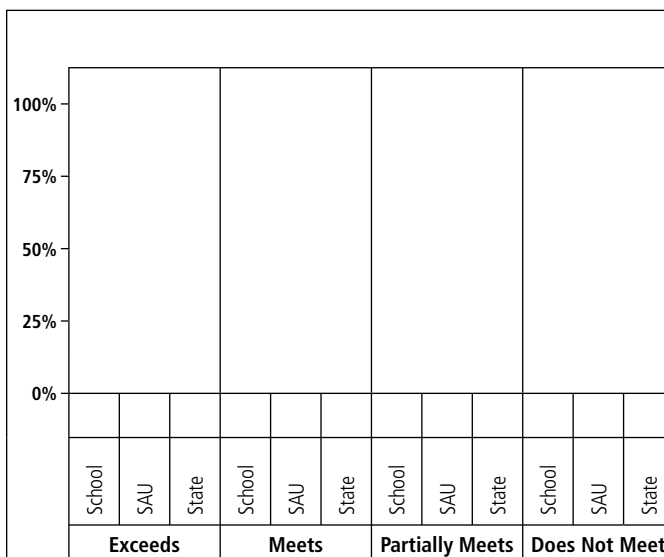
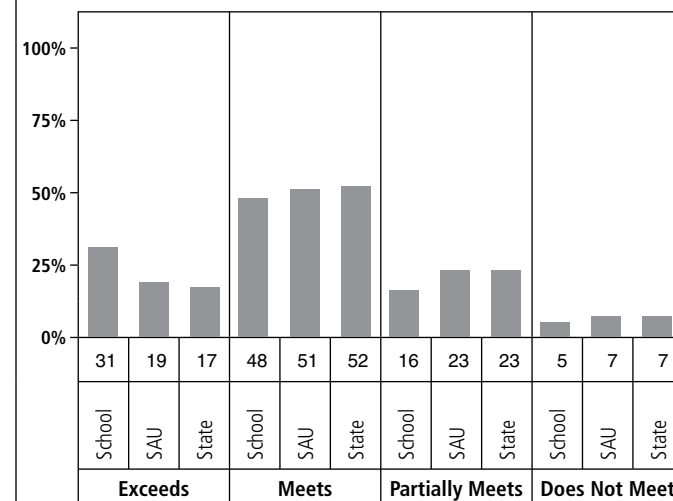
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	351	345	345
2007–2008	348	344	344
2008–2009	346	344	345
Cum. Avg.*	348	344	345
Mathematics			
2006–2007	357	346	347
2007–2008	357	347	347
2008–2009	352	349	348
Cum. Avg.*	355	347	347

ELA – READING



MATHEMATICS



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 3
SAU: Brunswick School Department
School: Longfellow School-Brunswick

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
							ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	62	100	208	100	13763	100	62	100	206	99	13691	100	62	100	206	99	13691	100						
Ethnicity African American/Black	2	3	8	4	416	3	2	100	8	100	412	99	2	100	8	100	414	100						
American Indian or Native Alaskan	0	0	1	0	102	1	0	0	1	100	101	100	0	0	1	100	101	100						
Asian or Pacific Islander	2	3	4	2	232	2	2	100	3	75	226	97	2	100	3	75	227	98						
Hispanic	0	0	3	1	167	1	0	0	3	100	164	98	0	0	3	100	164	98						
Caucasian/White	58	94	192	92	12846	93	58	100	191	99	12788	100	58	100	191	99	12785	100						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	5	8	18	9	2414	18	5	100	18	100	2388	100	5	100	18	100	2388	100						
Current LEP	1	2	2	1	420	3	1	100	2	100	413	98	1	100	2	100	417	99						
Economically disadvantaged	18	29	72	35	5887	43	18	100	72	100	5847	100	18	100	72	100	5846	100						
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100						

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics											
	School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	53	85	172	83	10316	75	53	85	173	83	10355	75						
Identified disability (PET/IEP)	0	0	1	1	437	4	0	0	2	1	445	4						
LEP	1	2	1	1	192	2	1	2	1	1	193	2						
504 plan	0	0	0	0	83	1	0	0	0	0	83	1						
Participation with accommodations	9	15	34	16	3179	23	9	15	33	16	3152	23						
Identified disability (PET/IEP)	5	56	17	50	1757	55	5	56	16	48	1759	56						
LEP	0	0	1	3	214	7	0	0	1	3	219	7						
504 plan	0	0	2	6	63	2	0	0	2	6	64	2						
Other	4	44	14	41	1192	37	4	44	14	42	1157	37						
Participation through alternate assessment (PAAP)	0	0	0	0	194	1	0	0	0	0	184	1						
Identified disability (PET/IEP)	0	0	0	0	194	100	0	0	0	0	184	100						
LEP	0	0	0	0	5	3	0	0	0	0	5	3						
504 plan	0	0	0	0	1	1	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	2	0												
Approved non-participation – special consideration	0	0	0	0	19	0	0	0	0	0	21	0						
Non-participation – other	0	0	2	1	53	0	0	0	2	1	51	0						

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 3
SAU: Brunswick School Department
School: Longfellow School-Brunswick

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 362–380)	2006-2007	2	5	6	3	332	2
	2007-2008	0	0	1	0	227	2
	2008-2009	1	2	3	1	262	2
	Cum. Total*	3	2	10	2	821	2
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 342–360)	2006-2007	38	86	127	63	8691	63
	2007-2008	44	83	135	61	8403	62
	2008-2009	44	71	131	64	8500	63
	Cum. Total*	126	79	393	62	25594	63
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 332–340)	2006-2007	4	9	52	26	3781	27
	2007-2008	8	15	73	33	4018	30
	2008-2009	16	26	61	30	3985	30
	Cum. Total*	28	18	186	29	11784	29
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 300–330)	2006-2007	0	0	18	9	1021	7
	2007-2008	1	2	13	6	938	7
	2008-2009	1	2	11	5	748	6
	Cum. Total*	2	1	42	7	2707	7

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	46	100	29.5	64.1	28.1	61.1	28.3	61.5
A1/A2 Interconnected Elements/Literary Text	32	70	20.5	64.1	19.8	61.9	19.9	62.2
A1/A3 Interconnected Elements/Informational Text	14	30	8.9	63.6	8.3	59.3	8.4	60.0

The MEA assesses students’ reading skills based on questions related to two types of reading passages: literary and informational. Reading passages include short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 3
SAU: Brunswick School Department
School: Longfellow School-Brunswick

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	62	1	2	44	71	16	26	1	2	346	206	1	64	30	5	344	13495	2	63	30	6	345
Ethnicity																						
African American/Black	2										8	0	38	63	0	342	402	0	40	41	18	339
American Indian or Native Alaskan	0										1						99	0	64	31	5	343
Asian or Pacific Islander	2										3						222	4	63	25	8	345
Hispanic	0										3						162	0	51	38	10	342
Caucasian/White	58	1	2	41	71	15	26	1	2	346	191	2	65	28	5	344	12610	2	64	29	5	345
Not Reported	0										0						0					
Identified disability																						
Yes	5	0	0	1	20	4	80	0	0	340	18	0	11	56	33	334	2194	0	32	50	18	338
No	57	1	2	43	75	12	21	1	2	346	188	2	69	27	3	345	11301	2	69	26	3	346
Current LEP																						
Yes	1										2						406	0	39	41	20	339
No	61	1	2	43	70	16	26	1	2	346	204	1	63	30	5	344	13089	2	64	29	5	345
Economically disadvantaged																						
Yes	18	0	0	9	50	9	50	0	0	342	72	1	51	39	8	342	5721	1	52	39	9	342
No	44	1	2	35	80	7	16	1	2	348	134	1	70	25	4	346	7774	3	71	23	3	346
Migrant																						
Yes	0										0						6	0	67	33	0	345
No	62	1	2	44	71	16	26	1	2	346	206	1	64	30	5	344	13489	2	63	30	6	345
Gender																						
Female	35	1	3	25	71	8	23	1	3	347	94	2	68	27	3	346	6568	3	67	26	4	346
Male	27	0	0	19	70	8	30	0	0	345	112	1	60	32	7	343	6927	1	59	33	7	343
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	20	0	0	10	50	9	45	1	5	342	34	0	47	44	9	341	2300	0	39	49	11	340
No	42	1	2	34	81	7	17	0	0	348	172	2	67	27	5	345	11195	2	68	25	4	345
Gifted/talented program																						
Yes	0										0						155	11	87	2	0	354
No	62	1	2	44	71	16	26	1	2	346	206	1	64	30	5	344	13340	2	63	30	6	344

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 3
SAU: Brunswick School Department
School: Longfellow School-Brunswick

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights? A. none B. less than one hour C. one to two hours D. more than two hours	2 90 7 2	0 1 0 0	0 2 0 0	0 39 3 1	0 72 75 100	1 13 1 0	100 24 25 0	0 1 0 0	0 2 0 0	340 346 345 342	1 90 7 1	0 2 0 0	33 64 60 67	67 28 40 33	0 6 0 0	341 344 344 343	5 80 13 3	1 2 2 1	44 66 61 36	39 28 32 45	16 4 6 18	340 345 344 339
Which of the following best describes how you rate yourself as a student in reading? A. very good B. good C. fair D. poor	55 38 3 3	0 1 0 0	0 4 0 0	27 14 1 1	82 61 50 50	6 8 0 1	18 35 0 50	0 0 1 0	0 0 50 0	348 344 334 341	53 37 9 1	2 1 0 0	77 55 33 33	20 39 44 33	2 5 22 33	347 343 337 335	47 41 9 2	3 1 0 0	68 62 51 30	24 31 41 51	4 5 8 19	346 344 342 338
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading? A. The questions on the test match what I have learned in reading class. B. They match some of what I have learned. C. They match just a little of what I have learned. D. There is no match.	56 36 7 2	1 0 0 0	3 0 0 0	26 17 1 0	76 77 25 0	7 4 3 1	21 18 75 100	0 1 0 0	0 5 0 0	347 345 340 340	37 46 9 7	3 1 0 0	68 70 42 33	26 23 47 53	3 5 11 13	345 345 340 340	31 49 14 6	3 2 1 0	63 68 53 43	28 26 39 43	6 3 7 14	345 345 342 340
How hard was the reading part of this test? A. harder than my regular schoolwork B. about the same as my regular schoolwork C. easier than my regular schoolwork	13 44 44	0 0 1	0 0 4	4 20 20	50 74 74	4 7 5	50 26 19	0 0 1	0 0 4	340 346 347	16 51 33	0 1 3	50 70 61	38 29 27	13 1 9	339 346 344	18 57 25	1 2 1	50 68 61	38 26 31	11 3 6	342 346 344
How hard were the reading passages on this test? A. Most of the passages were harder than what I normally read. B. Most of the passages were about the same as what I normally read. C. Most of the passages were easier than what I normally read.	10 47 44	0 0 1	0 0 4	4 17 23	67 59 85	2 11 3	33 38 11	0 1 0	0 3 0	341 342 351	12 48 40	0 0 4	46 60 73	46 34 20	8 6 4	340 343 348	15 48 37	0 2 3	38 66 70	48 29 23	14 4 4	340 345 347
How much time do you spend reading at home each day? A. more than one hour B. 20 minutes to an hour C. less than 20 minutes D. I rarely read at home.	22 40 35 3	0 1 0 0	0 4 0 0	12 17 12 2	92 71 57 100	1 6 8 0	8 25 38 0	0 0 1 0	0 0 5 0	349 347 342 347	26 39 23 11	2 3 0 0	74 71 50 43	23 24 41 39	2 3 9 17	347 346 341 339	22 46 18 14	3 2 1 0	67 68 56 50	25 26 36 40	4 4 8 10	346 346 343 341
How many pages do you read in school and to complete homework assignments? A. five or fewer pages B. six to ten pages C. eleven or more pages	15 41 44	0 1 0	0 4 0	4 17 23	44 68 85	5 7 3	56 28 11	0 0 1	0 0 4	341 346 347	30 28 43	0 2 2	45 70 75	48 26 18	7 2 5	341 346 346	29 21 50	1 2 3	56 62 68	36 31 25	7 5 5	343 344 346
Optional school/SAU question A. B. C. D.	50 17 33 0	0 0 0 0	0 0 0 0	1 0 2	33 0 100	2 1 0	67 100 0	0 0 0 0	0 0 0 0	339 334 350	44 22 22 11	0 0 0 0	25 0 100 0	75 100 0 100	0 0 0 0	339 335 350 336						

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 3
SAU: Brunswick School Department
School: Longfellow School-Brunswick

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 362–380)	2006-2007	17	39	30	15	1985	14
	2007-2008	20	38	33	15	2277	17
	2008-2009	19	31	40	19	2328	17
	Cum. Total*	56	35	103	16	6590	16
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 342–360)	2006-2007	20	45	98	48	6990	51
	2007-2008	25	48	117	53	6764	50
	2008-2009	30	48	105	51	7045	52
	Cum. Total*	75	47	320	51	20799	51
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 326–340)	2006-2007	6	14	59	29	3673	27
	2007-2008	6	12	48	22	3504	26
	2008-2009	10	16	47	23	3137	23
	Cum. Total*	22	14	154	24	10314	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 300–324)	2006-2007	1	2	16	8	1193	9
	2007-2008	1	2	23	10	1044	8
	2008-2009	3	5	14	7	997	7
	Cum. Total*	5	3	53	8	3234	8

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	48	100	33.8	70.4	31.8	66.3	31.5	65.6
A. Number	20	42	13.5	67.5	12.7	63.5	12.8	64.0
B. Data	8	17	6.4	80.0	6.3	78.8	6.1	76.3
C. Geometry	8	17	6.1	76.3	5.7	71.3	5.5	68.8
D. Algebra	12	25	7.8	65.0	7.1	59.2	7.1	59.2

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 3
 SAU: Brunswick School Department
 School: Longfellow School-Brunswick

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	62	19	31	30	48	10	16	3	5	352	206	19	51	23	7	349	13507	17	52	23	7	348
Ethnicity																						
African American/Black	2										8	13	38	50	0	345	407	7	37	32	24	338
American Indian or Native Alaskan	0										1						99	7	47	38	7	344
Asian or Pacific Islander	2										3						223	25	45	24	7	350
Hispanic	0										3						162	6	44	35	15	341
Caucasian/White	58	16	28	29	50	10	17	3	5	351	191	19	52	21	7	349	12616	18	53	23	7	348
Not Reported	0										0						0					
Identified disability																						
Yes	5	0	0	3	60	2	40	0	0	343	18	0	22	50	28	332	2204	6	36	36	22	338
No	57	19	33	27	47	8	14	3	5	353	188	21	54	20	5	350	11303	19	55	21	4	350
Current LEP																						
Yes	1										2						412	7	37	35	21	339
No	61	18	30	30	49	10	16	3	5	352	204	19	51	23	7	348	13095	18	53	23	7	348
Economically disadvantaged																						
Yes	18	0	0	11	61	4	22	3	17	341	72	6	56	31	8	344	5727	10	48	31	12	343
No	44	19	43	19	43	6	14	0	0	356	134	27	49	19	6	351	7780	23	55	18	4	351
Migrant																						
Yes	0										0						6	0	67	33	0	345
No	62	19	31	30	48	10	16	3	5	352	206	19	51	23	7	349	13501	17	52	23	7	348
Gender																						
Female	35	10	29	17	49	5	14	3	9	351	94	22	47	23	7	349	6568	16	52	24	8	348
Male	27	9	33	13	48	5	19	0	0	353	112	17	54	22	6	348	6939	18	53	22	7	348
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	20	2	10	11	55	6	30	1	5	345	34	9	47	38	6	344	2300	4	43	39	14	340
No	42	17	40	19	45	4	10	2	5	355	172	22	52	20	7	349	11207	20	54	20	6	350
Gifted/talented program																						
Yes	0										0						155	73	26	1	0	368
No	62	19	31	30	48	10	16	3	5	352	206	19	51	23	7	349	13352	17	52	23	7	348

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 3
 SAU: Brunswick School Department
 School: Longfellow School-Brunswick

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	2	0	0	1	100	0	0	0	0	344	1	0	67	33	0	342	5	9	38	32	21	340
B. less than one hour	90	18	33	26	48	8	15	2	4	353	90	19	52	22	7	349	80	19	54	22	5	349
C. one to two hours	7	1	25	1	25	2	50	0	0	345	7	33	33	27	7	349	13	16	51	24	9	347
D. more than two hours	2	0	0	0	0	0	0	1	100	318	1	0	33	33	33	330	3	6	31	39	24	337
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	39	10	42	11	46	2	8	1	4	355	37	24	52	17	7	350	40	25	51	17	7	351
B. good	52	9	28	14	44	7	22	2	6	350	52	20	51	24	5	349	45	14	56	24	6	348
C. fair	6	0	0	3	75	1	25	0	0	350	8	6	44	31	19	342	12	7	49	34	10	343
D. poor	3	0	0	2	100	0	0	0	0	345	3	0	50	33	17	336	3	3	35	43	20	337
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	48	13	43	10	33	6	20	1	3	355	35	28	46	23	3	352	38	23	52	19	5	351
B. They match some of what I have learned.	40	5	20	15	60	4	16	1	4	350	46	19	54	17	10	349	45	16	56	22	6	348
C. They match just a little of what I have learned.	11	1	14	5	71	0	0	1	14	347	12	8	64	24	4	346	12	10	45	33	12	343
D. There is no match.	0										6	0	31	54	15	334	5	5	35	38	22	338
How hard was the mathematics part of this test?																						
A. harder than my regular schoolwork	10	1	17	2	33	2	33	1	17	340	21	10	45	31	14	341	17	8	45	34	13	342
B. about the same as my regular schoolwork	69	13	31	22	52	6	14	1	2	354	61	23	50	22	5	351	59	19	55	21	5	350
C. easier than my regular schoolwork	21	5	38	6	46	2	15	0	0	354	19	22	59	16	3	351	24	20	51	21	8	349
On average, how many minutes a day do you spend working on mathematics in class?																						
A. less than 30 minutes	10	0	0	3	50	2	33	1	17	340	20	10	35	38	18	341	15	8	41	35	15	341
B. 30–45 minutes	44	8	30	14	52	4	15	1	4	352	52	18	57	20	4	349	29	16	54	23	6	348
C. 45–60 minutes	44	11	41	12	44	4	15	0	0	356	20	33	49	13	5	353	32	21	55	19	5	350
D. more than 60 minutes	2	0	0	1	100	0	0	0	0	348	9	24	53	24	0	352	25	21	53	20	6	350
How often do you use calculators in mathematics class?																						
A. almost every day	2	1	100	0	0	0	0	0	0	362	10	5	55	25	15	342	6	6	33	39	23	337
B. two or three days a week	2	0	0	0	0	1	100	0	0	330	1	0	0	100	0	334	12	15	55	22	8	348
C. two or three times each month	30	6	33	7	39	4	22	1	6	352	15	27	50	17	7	351	26	20	56	19	5	350
D. never or almost never	67	11	27	23	56	5	12	2	5	352	74	20	52	21	6	349	56	18	52	23	7	348
How often do you use hands-on materials in mathematics class?																						
A. almost every day	13	0	0	4	50	4	50	0	0	342	30	10	60	23	8	346	37	14	51	27	9	346
B. two or three days a week	35	6	27	11	50	4	18	1	5	349	24	24	47	22	6	349	27	20	55	19	6	350
C. two or three times each month	35	11	50	9	41	2	9	0	0	359	23	37	39	17	7	353	19	22	53	19	6	350
D. never or almost never	16	2	20	6	60	0	0	2	20	348	23	11	55	28	6	346	18	15	51	26	8	347
Optional school/SAU question																						
A.	50	0	0	2	67	1	33	0	0	347	44	0	50	50	0	342						
B.	17	0	0	0	0	0	0	1	100	324	22	0	0	50	50	326						
C.	33	1	50	1	50	0	0	0	0	362	22	50	50	0	0	362						
D.	0										11	0	0	100	0	338						